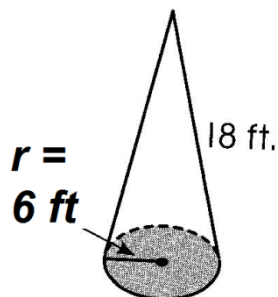


Name \_\_\_\_\_ Period \_\_\_\_\_

# Geometry Unit 11 Worksheet #6 - Surface Area of Cones

For #1-3, find the lateral area, area of the base and surface area. Leave in terms of  $\pi$

1.

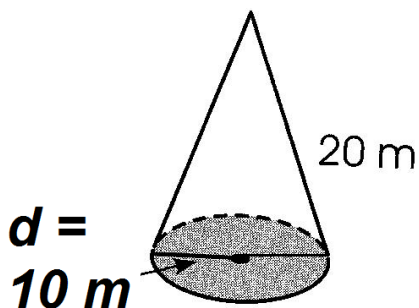


B. \_\_\_\_\_

L.A. \_\_\_\_\_

s.a. \_\_\_\_\_

2.

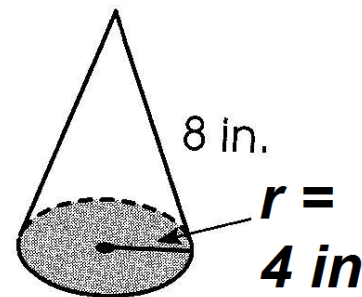


B. \_\_\_\_\_

L.A. \_\_\_\_\_

s.a. \_\_\_\_\_

3.



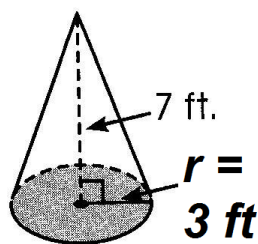
B. \_\_\_\_\_

L.A. \_\_\_\_\_

s.a. \_\_\_\_\_

For #4-6, find the slant height, lateral area, area of the base and surface area. Round to the hundredths.

4.



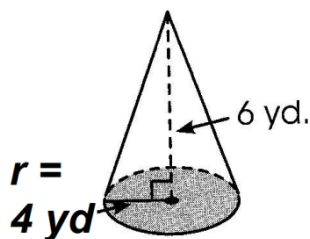
$l$  \_\_\_\_\_

B. \_\_\_\_\_

L.A. \_\_\_\_\_

s.a. \_\_\_\_\_

5.



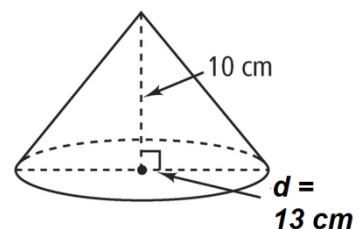
$l$  \_\_\_\_\_

B. \_\_\_\_\_

L.A. \_\_\_\_\_

s.a. \_\_\_\_\_

6.



$l$  \_\_\_\_\_

B. \_\_\_\_\_

L.A. \_\_\_\_\_

s.a. \_\_\_\_\_